I claim:

1. A paper drying apparatus to dry a paper web carried on a fabric sheet comprising, in combination:
a first rotatable, air permeable drum to carry a paper web on which the paper is initially dried with subsequent rotatable drums or non-permeable carrier rolls arranged in serpentine fashion to extend the dried length of paper web to the desired drying length, the carrier rolls starting when the web dryness is adequate for efficient operation. A single fabric sheet to convey a paper web to the first rotatable drum, from the first rotatable drum to successive drying system drums or rolls.
A single air supply to the drying system continually forcing the air through the sheet and fabric into the exhaust hood.

2. A drying apparatus which has the first roll in either the inside-out TAD configuration or the outside-in configuration, depending on space and process requirements.

3. The above drying apparatuses with carrier rolls in the downstream positions that are solid, rather than porous surfaces permeable to air.

4. The above drying apparatuses with carrier rolls in the downstream positions that are porous and permeable to air flow.

5. The above drying apparatuses rotated 90 degrees from horizontal so that the fabric sheet and paper web enter at the top of the apparatus and exit out the bottom, but are supplied by a single hot air system.

6. The above drying apparatuses rotated 90 degrees from horizontal so that the fabric sheet and paper web enter at the bottom of the apparatus and exit out the top, but are supplied by a single hot air system